

SOLAR SYNC®

ET 12-Month Recommended Seasonal Adjustment by Location



1. Locate the city or zip code that is closest to your Solar Sync installation location.
2. Find the recommended Seasonal Adjustment value for your area during the month you are installing the Solar Sync in the chart below.
3. Install the Solar Sync according to the instructions outlined in the Solar Sync and/or controller owner's manual.
4. Make sure the controller's Seasonal Adjustment value is set to 100% when programming run times.
5. Allow the Solar Sync to take baseline measurements for three days. Then check the Solar Sync Seasonal Adjustment value on the controller.
6. If the controller's Seasonal Adjustment value is different than the recommended value in the chart, adjust the Solar Sync by modifying the Region or Water Adjustment value until the Seasonal Adjustment shown on the controller is an acceptable value:
 - If Seasonal Adjustment is too low: Increase the value on the Water Adjustment scale (1-10 scale; default setting is 5). If you max out the scale at 10 and still require increased Seasonal Adjustment, move down to the next lower Region (from 4 to 3, for example).
 - If Seasonal Adjustment is too high: Decrease the value on the Water Adjustment scale (1-10 scale; default setting is 5). If you minimize the scale at 1 and still require decreased Seasonal Adjustment, move up to the next higher Region (from 2 to 3, for example).

NOTES

- This chart is a recommended starting point for the Seasonal Adjustment value, and is based on historical average monthly weather for the areas listed. The final Seasonal Adjustment value may vary, and should be determined using professional judgment of site conditions (e.g., recent weather patterns).
- The chart shows a minimum of 10% Seasonal Adjustment, and assumes irrigation will occur in all areas for all months, with no consideration of winterization periods. Months showing the minimum 10% value may, in reality, be shut down for the winter season.
- The chart shows a maximum of 100% Seasonal Adjustment, indicating peak ET for that month. The Solar Sync can be adjusted to consistently deliver more than 100%, if desired, during the peak season months. See the "Calibration/Setup" section of the Solar Sync owner's manual.

SEASONAL ADJUSTMENT VALUE %

STATE	CITY	ZIP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
AL	BIRMINGHAM	35204	30	50	70	90	100	100	100	90	90	70	40	30
AR	LITTLE ROCK	72201	20	40	60	80	90	100	100	80	80	60	40	20
AZ	FLAGSTAFF	86001	10	30	40	70	90	100	90	80	70	60	30	10
AZ	MESA	85201	20	40	50	80	90	100	90	80	80	60	40	20
AZ	PHOENIX	85003	30	40	50	80	90	100	90	80	80	60	40	20
AZ	TUCSON	85701	30	40	60	80	100	100	90	70	80	60	40	30
CA	BAKERSFIELD	93301	20	30	50	70	90	100	100	90	80	60	30	20
CA	FRESNO	93650	10	20	40	60	80	100	100	90	80	50	20	10
CA	LONG BEACH	90802	30	50	60	80	90	90	100	90	90	70	40	30
CA	LOS ANGELES	90001	30	40	60	80	80	90	100	90	90	70	40	30
CA	OAKLAND	94601	20	40	60	70	90	90	100	80	80	60	30	20
CA	PALM DESERT	92211	20	40	50	80	90	100	100	90	90	60	40	20
CA	REDDING	96001	10	20	30	50	70	80	100	80	70	40	20	10
CA	SACRAMENTO	95820	10	20	40	60	80	90	100	80	70	40	20	10
CA	SAN DIEGO	92101	40	60	70	90	100	100	100	100	100	70	60	40
CA	SAN FRANCISCO	94102	20	40	50	80	90	100	100	90	90	60	40	20
CA	SAN JOSE	95132	20	30	40	60	80	90	100	80	80	50	20	10

SEASONAL ADJUSTMENT VALUE %

STATE	CITY	ZIP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
CO	COLORADO SPRINGS	80903	10	30	50	70	90	100	100	80	80	60	40	10
CO	DENVER	80202	10	30	50	70	90	100	100	90	80	70	30	10
CT	BRIDGEPORT	06604	10	20	50	80	90	100	100	90	80	60	30	20
DC	WASHINGTON	20001	30	40	60	90	90	100	100	90	80	60	40	30
FL	MIAMI	33122	50	70	80	100	100	80	80	80	80	80	60	50
GA	ATLANTA	30303	30	40	70	90	100	100	90	90	80	60	40	30
HI	HONOLULU	96813	60	80	80	90	90	90	90	90	90	80	70	60
IA	DES MOINES	50310	10	10	40	80	100	100	100	90	70	60	30	10
ID	BOISE	83702	10	20	30	50	70	80	100	80	70	40	20	10
ID	IDAHO FALLS	83401	10	10	30	60	70	90	100	90	70	50	20	10
IL	CHICAGO	60601	10	10	40	70	90	100	100	80	70	50	30	10
IN	INDIANAPOLIS	46201	10	10	40	70	90	100	90	80	70	50	30	10
KS	WICHITA	67202	10	30	50	70	70	90	100	80	70	50	30	20
KY	LOUISVILLE	40202	10	30	60	80	90	100	90	70	60	40	20	10
LA	NEW ORLEANS	70112	40	60	70	100	100	100	90	90	90	80	50	40
MA	BOSTON	02108	10	10	50	70	90	100	100	90	70	50	30	10
MD	BALTIMORE	21201	20	30	60	80	90	100	100	90	70	60	30	20
ME	AUGUSTA	04330	10	10	10	70	80	100	100	80	70	40	20	10
MI	DETROIT	48201	10	10	40	60	90	100	100	80	70	40	20	10
MN	HOUSTON	55943	10	10	10	70	90	100	100	80	70	50	20	10
MN	MINNEAPOLIS	55401	10	10	10	70	100	100	100	90	70	50	20	10
MO	KANSAS CITY	64101	10	30	50	80	90	90	100	80	80	50	30	20
MO	ST. LOUIS	63104	10	30	50	80	90	90	100	80	70	50	30	20
MS	HATTIESBURG	39401	30	50	70	90	100	100	90	90	90	70	40	30
MT	BILLINGS	59101	10	10	30	60	70	90	100	90	70	50	20	10
MT	HELENA	59601	10	10	30	50	70	80	100	80	60	40	20	10
NC	CHARLOTTE	28202	30	40	60	90	90	100	90	80	80	60	40	30
ND	FARGO	58102	10	10	10	60	90	100	100	90	70	40	10	10
NH	MANCHESTER	03101	10	10	40	70	90	100	100	90	70	40	20	10
NJ	TRENTON	08610	10	10	50	80	90	100	100	90	70	60	30	20
NM	ALBUQUERQUE	87105	20	30	50	80	90	100	80	70	70	50	30	20
NV	LAS VEGAS	89101	20	30	50	70	80	100	100	80	80	50	30	20
NV	RENO	89503	20	20	30	50	70	80	100	80	70	40	20	10
NY	NEW YORK	10001	10	40	60	90	90	100	100	90	80	60	40	30
OH	CLEVELAND	44102	10	10	40	70	90	100	100	90	70	50	30	10
OH	COLUMBUS	43085	10	10	50	70	90	100	100	80	70	50	30	10
OK	OKLAHOMA CITY	73102	20	30	60	80	80	90	100	90	70	60	30	20
OR	PORTLAND	97201	10	20	30	50	70	90	100	80	70	30	10	10
OR	ROSEBURG	97470	10	20	40	60	70	90	100	90	70	40	10	10
PA	PHILADELPHIA	19104	10	30	60	80	90	100	100	90	70	50	30	20
PA	PITTSBURGH	15201	10	10	50	80	100	100	100	90	80	60	40	20
RI	PROVIDENCE	02903	10	10	50	80	90	100	100	90	70	50	30	20
SD	SIoux FALLS	57103	10	10	30	70	90	90	100	80	70	40	20	10
TN	MEMPHIS	38131	20	40	50	80	90	100	90	80	80	60	30	20
TX	ARLINGTON	76001	20	40	60	70	80	90	100	90	70	60	30	30
TX	DALLAS	75201	20	40	60	70	80	90	100	90	80	60	40	30
TX	EL PASO	79901	20	40	70	90	100	100	90	80	80	60	40	30
TX	FORT WORTH	76102	30	40	60	70	80	90	100	90	70	60	30	30
TX	HOUSTON	77002	30	50	70	80	90	100	90	90	80	70	50	30
TX	SAN ANTONIO	78201	40	50	70	90	90	100	100	90	90	70	50	40
UT	SALT LAKE CITY	84101	10	20	30	60	70	90	100	90	70	50	20	10
VA	VIRGINIA BEACH	23451	30	40	60	90	90	100	90	90	80	60	40	30
WI	MILWAUKEE	53202	10	10	30	70	90	100	100	90	70	50	20	10
WA	SEATTLE	98101	10	30	40	60	80	90	100	80	70	30	20	10
WA	SPOKANE	99201	10	10	30	50	70	90	100	90	70	30	10	10